



Based on our proven mechanical mixer generation **OxyBlend**, we have created additional value for our users.

The DigiBlend gas mixer - an O2 / AIR gas mixer of the latest generation

The user interface is based on a modern layout with a touch display and intuitive menu navigation. This results in advantages and added value in application and use:

- Digitization of the known mechanical gas mixer
- Exact flow control of the mixed gas via a motor valve
- Display and control of the flow rate via the display
- Known and exact setting of the O2 / Air mixing ratio referenced to the built-in O2 sensor
- Submenus for alarms / alarm limits / language settings / service menu / night screen
- Log function of all process parameters
- Possibility of transferring all data to a PDMS / HIS / control center via RJ 45 interface and HL 7 protocol (V3) and communication in accordance with ISO / IEEE 11073 into a Hospital specific IT structure.
- Backup battery for power failure / transport (max. 15 minutes without external power supply)
- Coordinated, low-maintenance individual components
- High failure safety through durable components / construction

Ideal for use with ECMO, HFOX-CPAP, HFOX-NIV and in all intensive care units for adult, pediatric and neonatal applications. (Other gas mixtures such as additional CO2 / N2O in preparation)

Technical data	Value
Power supply	AC 110-240 V, 50-60 Hz / 2 x 9 V Block (Back up)
Blending area	21-100 % O2 - at a flow of 0-75 liter/minute
Inlet pressure	2,7-6,5 bar (Safety valve)
Inlet	O2 & AIR respectively NIST or DISS
Temperature range	+5°C to +50 °C
Blending tolerances	+/- 2 % over the entire setting range
Registration	CE 0482 (pending)